

## PACKAGED OPTICAL MICRO-MECHANICAL DEVICE

### Abstract of the Disclosure

5

A packaged optical micro-mechanical device. A die includes one or more optical micro-mechanical devices on a first surface of a substrate. The first surface includes a die reference surface. A package frame includes an aperture and a package frame reference surface proximate the aperture adapted to receive the die reference surface such that the optical micro-mechanical devices are located in the aperture. One or more V-grooves are positioned relative to an optical interface reference plane adjacent to the micro-mechanical devices and terminating adjacent to the aperture. One or more optical fibers are located in the V-grooves optically coupled with one or more of the optical micro-mechanical devices.

10

15